

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	MU27
STATION NUMBER	MU27
4 CHAR ID	MU27
COUNTRY	IRAQ
LOCATION	AS SAMAWAH
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	04 JULY 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	x		1
OFFICE COORDINATE VALUES	x		1
STATION MONUMENT & SITE DETAILS	x		1
STATION DIAGRAM	x		1
ACCESS MAP	x		1
ACCESS DESCRIPTION	x		1
APPROACH PHOTOGRAPHS	x		1
CARDINAL POINT PHOTOGRAPHS	x		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	MU27
4 CHAR ID	MU27
STATION NUMBER	MU27

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N	31° 17' 19.1"
LONGITUDE E	045° 18' 09.6"
HT (M)	+7
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R NV 28807 61632
SURVEYING AGENCY	IGRS

FIELD INPUT BY: SPC CHAMBERS	UNIT: IGRS	DATE: 04 JULY 2005
FIELD CHECKED BY: SGT. O'NEAL	UNIT:IGRS	DATE: 04 JULY 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	31° 17' 19.11975''
LONGITUDE E	045° 18' 09.53833''
SPHEROIDAL HT (M)	3.116
EGM96 GEOID MODEL HT (M)	-7.766
ORTHOMETRIC HT (M)	10.882
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.031
RELATIVE HEIGHT ACCURACY (M)	0.094
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
--------------------	------------------	----------

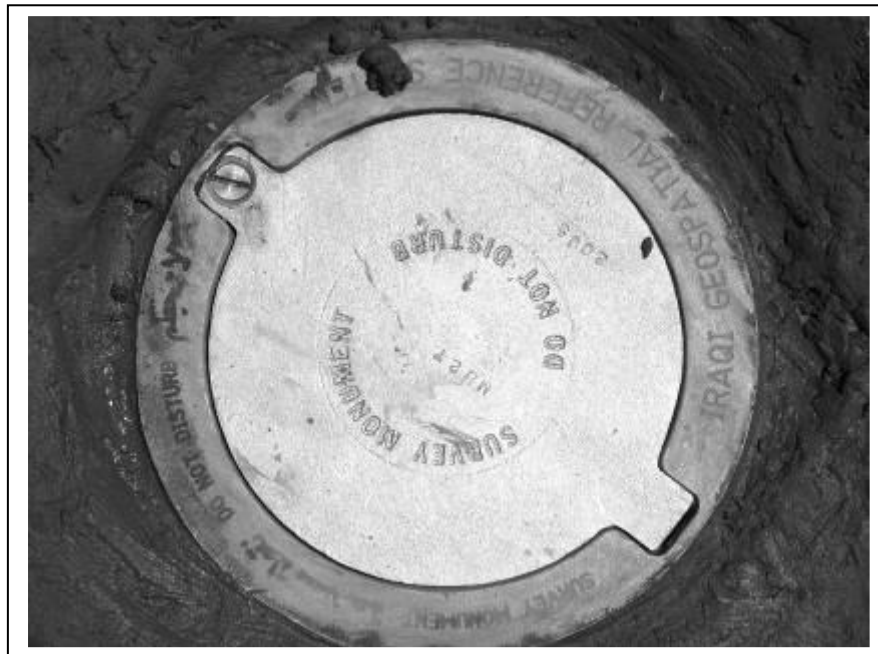
AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: MU27	
STATION NUMBER: MU27	4 CHAR ID: MU27
LOCATION: AS SAMAWAH	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 7

MONUMENT PHOTO / SKETCH



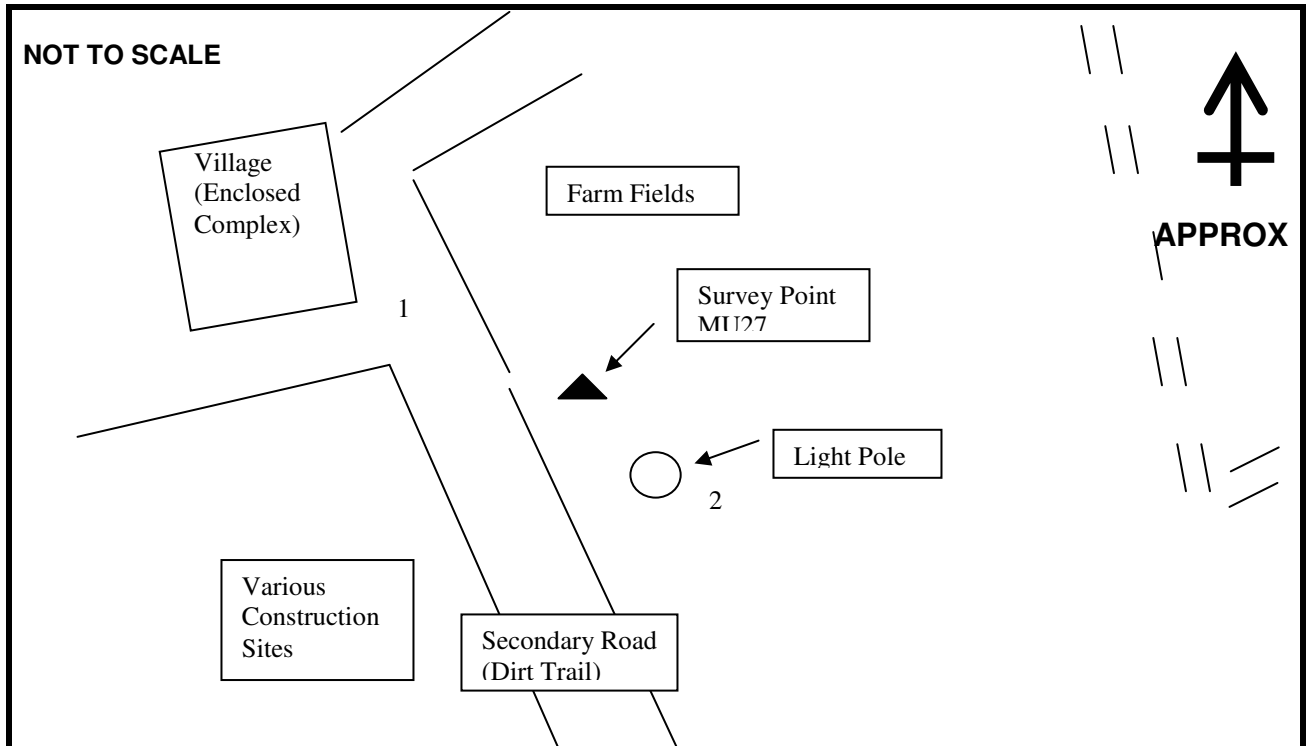
PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 04 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 04 JULY 2005

STATION DIAGRAM

STATION LONG NAME: MU27

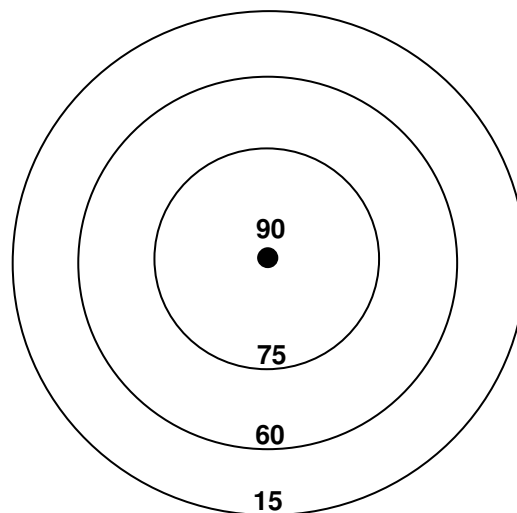
STATION NUMBER: MU27

4 CHAR ID: MU27



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	Corner of Village Complex	155°	25m
2	Light Pole	350°	5m
3			
4			

OBSCURITY DETAILS



PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 04 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 04 JULY 2005

ACCESS MAP

STATION LONG NAME: MU27

STATION NUMBER: MU27

4 CHAR ID: MU27

MAP DETAILS

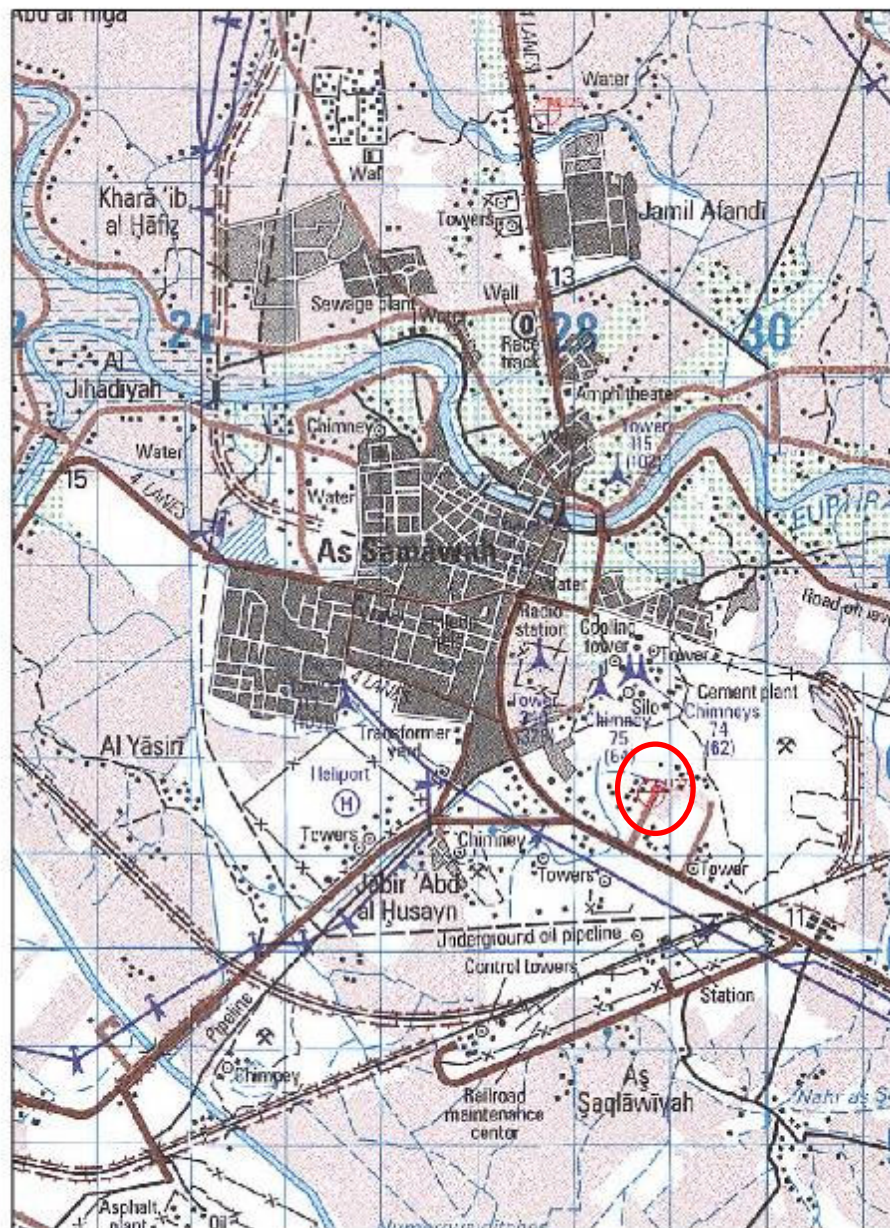
SERIES: K643

SHEET: 5052

EDITION: 1-NIMA

SCALE: 1:100,000

GR: 38R NV 28807 61632



PREPARED BY: SPC CHAMBERS

UNIT: IGRS

DATE: 04 JULY 2005

CHECKED BY: SGT. O'NEAL

UNIT: IGRS

DATE: 04 JULY 2005

ACCESS DESCRIPTION

STATION LONG NAME: MU27	
STATION NUMBER: MU27	4 CHAR ID: MU27

MAP DETAILS	SERIES: K643	SHEET: 5052
EDITION: 1-NIMA	SCALE: 1:100,000	GR: 38R NV 28807 61632

At grid 38R NV 3045 6004, travel west (turn left) onto road. Travelling west on road, at road junction (with secondary road) at grid, 38R NV 2853 6104 proceed north west past construction area for approx 800m light pole on right hand side (east) to survey site at grid 38R NV 27713 68761

PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 04 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 04 JULY 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: MU27	
STATION NUMBER: MU27	4 CHAR ID: MU27

NEAR APPROACH FACING SOUTH WEST



FAR APPROACH FACING SOUTH WEST



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 04 JULY 2005
-------------------------	--------------------------

CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU27	
STATION NUMBER: MU27	4 CHAR ID: MU27

NORTH



SOUTH



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 04 JULY 2005
-------------------------	--------------------------

CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU27	
STATION NUMBER: MU27	4 CHAR ID: MU27

EAST



WEST



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 04 JULY 2005
-------------------------	--------------------------